

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3. (Cancelled)

4. (Currently Amended) ~~The refrigerator as claimed in claim 3~~ A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside; and

a temperature sensor provided on an external surface of the water tank, wherein the

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temperature sensor detects a temperature of the water stored in the water tank, wherein the front surface of the door further comprises a display that displays a temperature of water stored in the water tank detected by the temperature sensor.

5. (Currently Amended) ~~The refrigerator as claimed in claim 33A~~ refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside; and

a temperature sensor provided on an external surface of the water tank, wherein the temperature sensor detects a temperature of the water stored in the water tank, wherein the temperature sensor is seated in a sensor groove that is concavely formed in the external surface

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of the water tank.

6. (Previously Presented) The refrigerator as claimed in claim 5, wherein the sensor groove is formed at a position facing the storage space when the water tank is installed in the interior of the door.

7. (Previously Presented) ~~The refrigerator as claimed in claim 1, further comprising~~
A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside; and

a support rib formed on and extending from a rear surface of the dispenser housing,

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wherein the water tank is fastened to the support rib and thus fixed to the interior of the door.

8. (Previously Presented) The refrigerator as claimed in claim 7, further comprising a fastening rib provided on the water tank, at a position corresponding to the support rib of the dispenser housing, wherein the water tank is fixed to the interior of the door by fastening the fastening rib to the support rib.

9. (Previously Presented) ~~The refrigerator as claimed in claim 1~~ A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator; and

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside, wherein the water tank comprises a main body having a through-hole formed

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therein through which foam liquid that forms the insulating layer is injected.

10. (Previously Presented) The refrigerator as claimed in claim 9, wherein a plurality of the through-holes are bored through thinner portions of the main body.

11. (Currently Amended) ~~The refrigerator as claimed in claim 1~~ A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator; and
a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside, wherein the water tank comprises a main body in which water is stored, a neck formed integrally with the main body and having a relatively narrow flow sectional area compared to that of the main body, and a nozzle installed at an end of the neck, wherein the

nozzle is connected to a drainpipe of the dispenser, the main body and the neck being formed by a blow molding with the nozzle inserted therein.

12. (Previously Presented) The refrigerator as claimed in claim 11, wherein a flow sectional area of the nozzle is relatively narrower than that of the neck.

13-14. (Cancelled)

15. (Previously Presented) The refrigerator as claimed in claim 41, wherein the heater is installed on a rear surface of the dispenser housing.

16. (Previously Presented) The refrigerator as claimed in claim 41, wherein the heater selectively applies heat to water stored in the water tank so as to maintain the water at or above the predetermined temperature, and the heater selectively applies heat to a surface of the dispenser housing so as to prevent accumulation of frost.

17. (Previously Presented) A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door, wherein the dispenser discharges water to an outside of the refrigerator;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside; and

a valve chamber provided in the insulating layer of the door and accessible from the storage space, wherein the valve chamber includes a valve that controls water supply from the external water supply source and a filter that purifies the supplied water.

18. (Previously Presented) The refrigerator as claimed in claim 17, wherein the valve chamber is selectively covered by a chamber cover.

19-36. (Cancelled)

37. (Previously Presented) A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein rotatably coupled to the main

body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface of the door;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart from the door liner and the dispenser housing by a predetermined interval, wherein the water tank stores water supplied from an external water supply source and provides the water to the dispenser;

a temperature sensor provided on a side of the water tank, wherein the temperature sensor detects a temperature in the water tank; and

a heater that operates based on the temperature detected in the water tank by the temperature sensor, wherein the heater generates heat when the detected temperature is lower than a preset temperature.

38-40. (Cancelled)

41. (Previously Presented) A refrigerator including a main body having a storage space formed therein, and a door having an insulating layer therein and rotatably coupled to the main body so as to selectively open and close the storage space, the refrigerator comprising:

a dispenser including a dispenser housing installed in a concave portion of a front surface

of the door, wherein the dispenser discharges water to an outside of the refrigerator;

a water tank installed between a door liner that defines a rear surface of the door and the dispenser housing, wherein the water tank is spaced apart by a predetermined interval from each of the door liner and the dispenser housing and the water tank is at least partially surrounded by the insulating layer, and wherein the water tank stores water supplied from an external water supply source at a predetermined temperature and provides water to the dispenser for discharge to the outside; and

a heater installed adjacent to the water tank, wherein the heater selectively generates heat so as to maintain water stored in the water tank at or above the predetermined temperature.